



**STATEMENT OF WORK  
FOR  
GAS DETECTORS INSTALLATION  
10.08.14**

**1 INTRODUCTION**

1. The U.S. Embassy in Moscow has the requirement to install combustible gas detector at four locations (33 apartments leased from UPDK) in the Moscow according to this SOW.

**2 GENERAL REQUIREMENTS**

- 2.1 The Contractor shall provide all labor, tools, materials, equipment, supervision and services, unless otherwise specified, to complete the work required herein. All the work and procedures shall be performed in conformity to the specifications and work requirements herein. All local labor standards for occupational safety and health apply to this contract. This price shall include all labor, materials, overhead and profit.
- 2.2 The Contractor shall visit the typical apartment at a time designated by the Embassy and inspect and measure the existing layouts in order to understand the existing conditions.
- 2.3 All work and procedures shall be performed in conformity with the specifications and work requirements herein. All local and US work safety and health norms and standards apply to this contract.
- 2.4 All specifications and requirements cannot be changed without the approval of the CO.
- 2.5 Liquidated damage: NO liquidated damage
- 2.6 The Embassy reserves the right to inspect all the work under this contract at any time. If any of the work does not conform to the contract requirements and/or specifications, the Embassy may require the Contractor to perform the Services again at no additional cost to the Embassy unless otherwise stipulated herein, the Contractor shall guarantee the Contractor workmanship of the work completed under this contract for a one year period from the date of the Government's acceptance of the work completion.

**3 Existing site conditions**

- The sites is located at Moscow on territory of UPDK buildings at following address: Moscow, Kutuzovskiy pr. #7; Moscow, Kutuzovskiy pr. #13; Moscow, B. Dorogomilovskaya st. #14; Moscow, B. Ordynka st. #50;
- Embassy units have the same conditions: Occupied units with few bedrooms, Living room combined with Dining area room or separately; All rooms has a fit-out with furniture (book shelves, TV stands, dining table with dark cherry color surrounded with chairs and few pieces of soft furniture with upholstery of dark colors, beds, night stands, dressers e.t.c.).
- The Contractor shall visit the site at a time designated by the Embassy and inspect existing A/C units in order to understand the existing conditions.

**4 SCOPE OF WORK**

- 4.1 The Contractor shall perform the following services:
  - 4.1.1 Install GFM Gas Detector SGG 6M (CFT 6M) made by Analitpribor, purchase and install solenoid valve, run wires inside of purchased and installed plastic conduits. Start up the detector and perform first initial check with air-gas mix. Submit technical proposal to the Embassy for approval prior to installation.
  - 4.1.2 Installation of gas detector shall include but not be limited with following steps and items:
    - Install 6A barker in electrical panel. If impossible Processor must be powered from independent power supply such as a wall outlet an equipped with breaker 6A mounted in the sealable box for single breaker located next to the gas sensor processor.

- Run wire 2x0.75mm<sup>2</sup> between gas sensor/processor and to the gas shut-off valve
  - Install Gas detector processor using surface mount method according to manufacturer instructions. Gas detector must be located in the area to ensure that alarm signal are covering any spot in the apartment such place for installation will be a hallway adjacent to the kitchen in most of the apartments.
  - Install Gas detector sensor by the stove according to manufacturer instructions.
  - Purchase and install in each of 33 apartments GAS SHUT-OFF ELECTRO-VALVES Normally Closed equal to SEITRON EVGPCFM015 ELECTROVALVE 1/2" NC 230V
  - Place for installation of the valve must be between flex connection and dielectric insulator input after the main gas shut-off valve
  - All electrical wires must be run in white plastic conduits similar to Legrand and fastened to the wall according to manufacturer instructions.
  - The distance between Gas sensor and Gas processor must be no longer than 25 meters.
- 4.2 The Contractor shall provide submittals on each materials and equipment to be used on the contract for approval. No work shall begin until the Bill of Materials is accepted by the COR.
- 4.3 The Contractor shall obtain all required licenses, permits and passes at no additional cost to the Embassy.
- 4.4 All work, either in progress or in a completed state under this contract, shall be continuously protected by the Contractor against damage, and shall be so secured as to preclude any accident or damage to adjacent property, personnel or residence occupants, until turned over to and accepted by the Embassy.
- 4.5 Debris produced from the work shall be removed and disposed on a daily basis. Contractor shall perform a cleanup of the each apartment on a daily basis. Debris disposal shall be done in compliance with the applicable local codes for industrial waste disposal.

## **5 CONTRACTOR PERSONNEL**

- 5.1 The Contractor shall insure that all personnel employed in the performance of this contract are qualified and possess the necessary licenses required in their respective trades.
- 5.2 The Contractor shall provide all the information about the tradesmen needed for the security check.

## **6 GOVERNMENT FURNISHED MATERIALS**

- Combustible gas analyzer SGG-6M (CFF-6M)

## **7 DELIVERABLE SCHEDULE**

- 7.1 No work on site shall be commenced without CO approval. The Contractor shall complete the contract work within 60 working days. The contractor will be allowed to work five-day week at a maximum of nine hours per day.

## **8 Warranty**

- 8.1 During the 12 month guarantee period, the Contractor shall correct and/or repair, at no cost to the Government, any damages or deficiencies that may be attributed to the materials and workmanship provided by the Contractor under this contract. The Contractor shall provide all labor, materials, equipment, at their own expense, to perform the repair and/or correction. The repair and/or correction must be completed within 72 hours from Notice of Damage(s).

## **END OF STATEMENT OF WORK**